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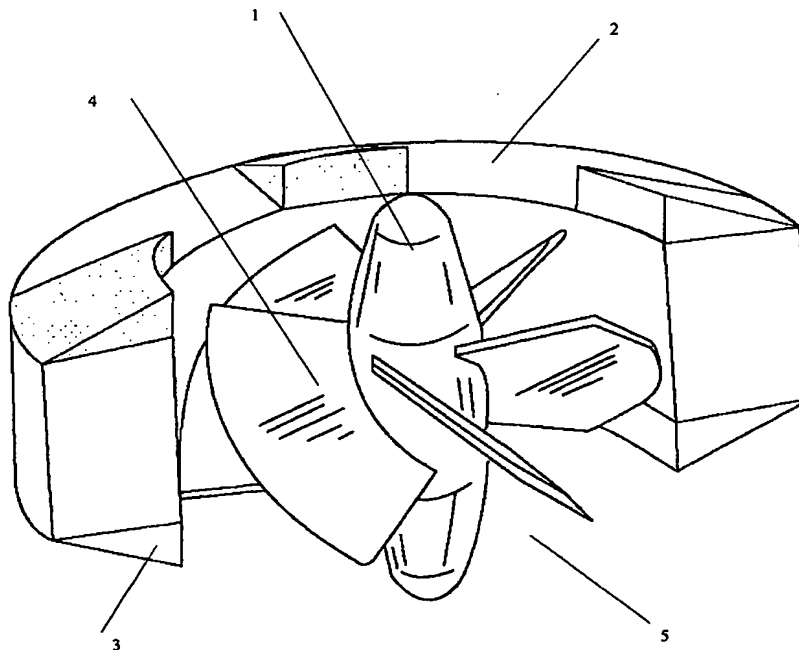
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(54) Title: **IMPELLER**



(57) Abstract: An axial flow rotary blood pump including an impeller (5) adapted to be magnetically rotated within a housing by the interaction of magnets disposed on or in the impeller and stators disposed on or in the housing. The impeller includes at least one support ring (2) supporting a plurality of blades (4), and a hydrodynamic bearing (3) that operates at least axially and radially in respect of an axis of rotation of the impeller (5).

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